



RCW Management at Ft. Stewart



Red-cockaded Woodpecker (RCW) Management at Fort Stewart

Integrating Readiness and Conservation

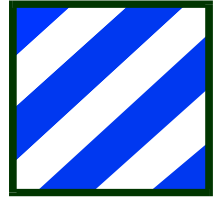
26 Aug 04

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Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE 01 AUG 2004		2. REPORT TYPE N/A		3. DATES COVERED -	
4. TITLE AND SUBTITLE Red-cockaded Woodpecker (RCW) Management at Fort Stewart				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Hunter Army Airfield Fort Stewart, GA				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release, distribution unlimited					
13. SUPPLEMENTARY NOTES See also ADM002111. Department of Defense Conservation Conference. Held in Savannah, Georgia on August 22-27, 2004, The original document contains color images.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	18. NUMBER OF PAGES 17	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			



RCW Management at Ft. Stewart



Important Terms

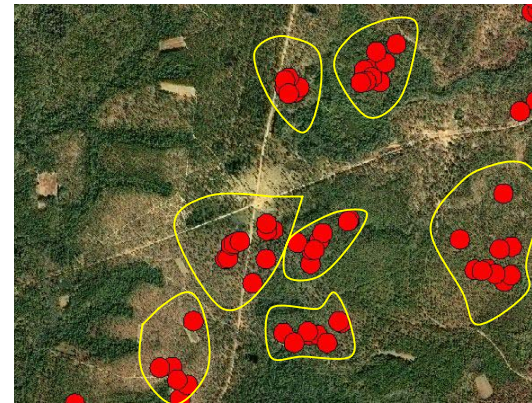
RCW – Red-cockaded woodpecker

Group – A family of RCWs, usually 2-5 birds



Potential Breeding Group (PBG) – A group of 2 or more RCWs

Cluster – The aggregation of cavity trees where an RCW group roosts each evening

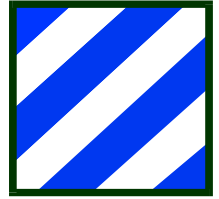


Recruitment Cluster – A cluster created with artificial cavities

Supplemental recruitment cluster (SRC) – A cluster with no training restrictions



RCW Management at Ft. Stewart

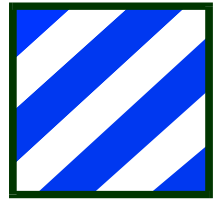


RCW Biology / Ecology

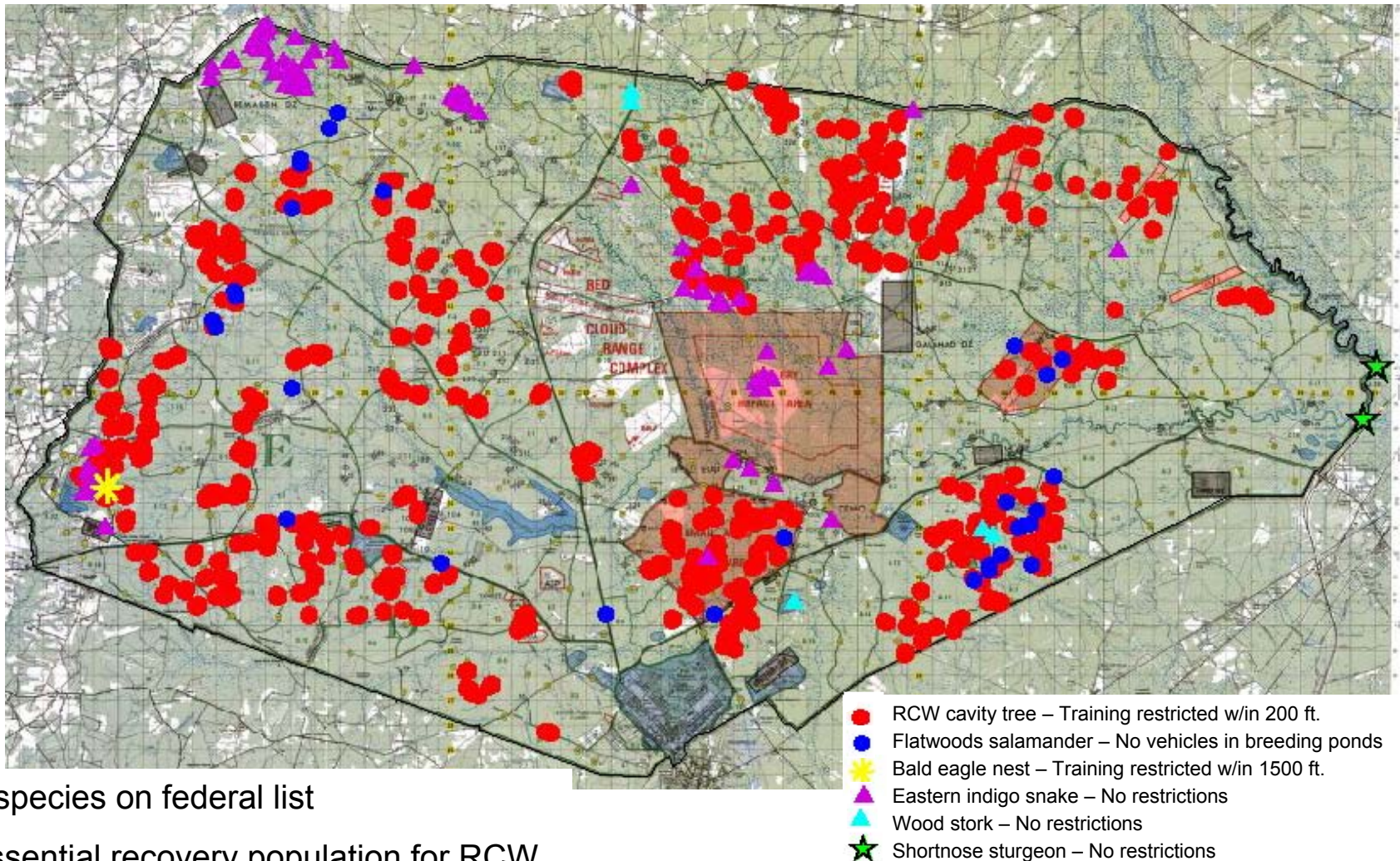
- Non-migratory
- Lasting pair bonds
- Long-lived
- Cooperative breeders
 - Only 1 breeding female per group / cluster
 - Male offspring may disperse or stay as “helpers”
- Excavates cavities in **live** pine trees
 - 80 years or older
 - Open landscape, maintained by frequent growing-season fire
 - Requires 120-300 acres of pine forest for foraging w/in ½ mile of cluster



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Threatened & Endangered Species Distribution





RCW Management at Ft. Stewart

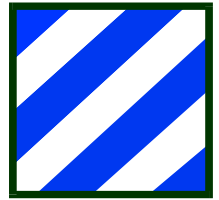


RCW habitat requirements are very mission compatible



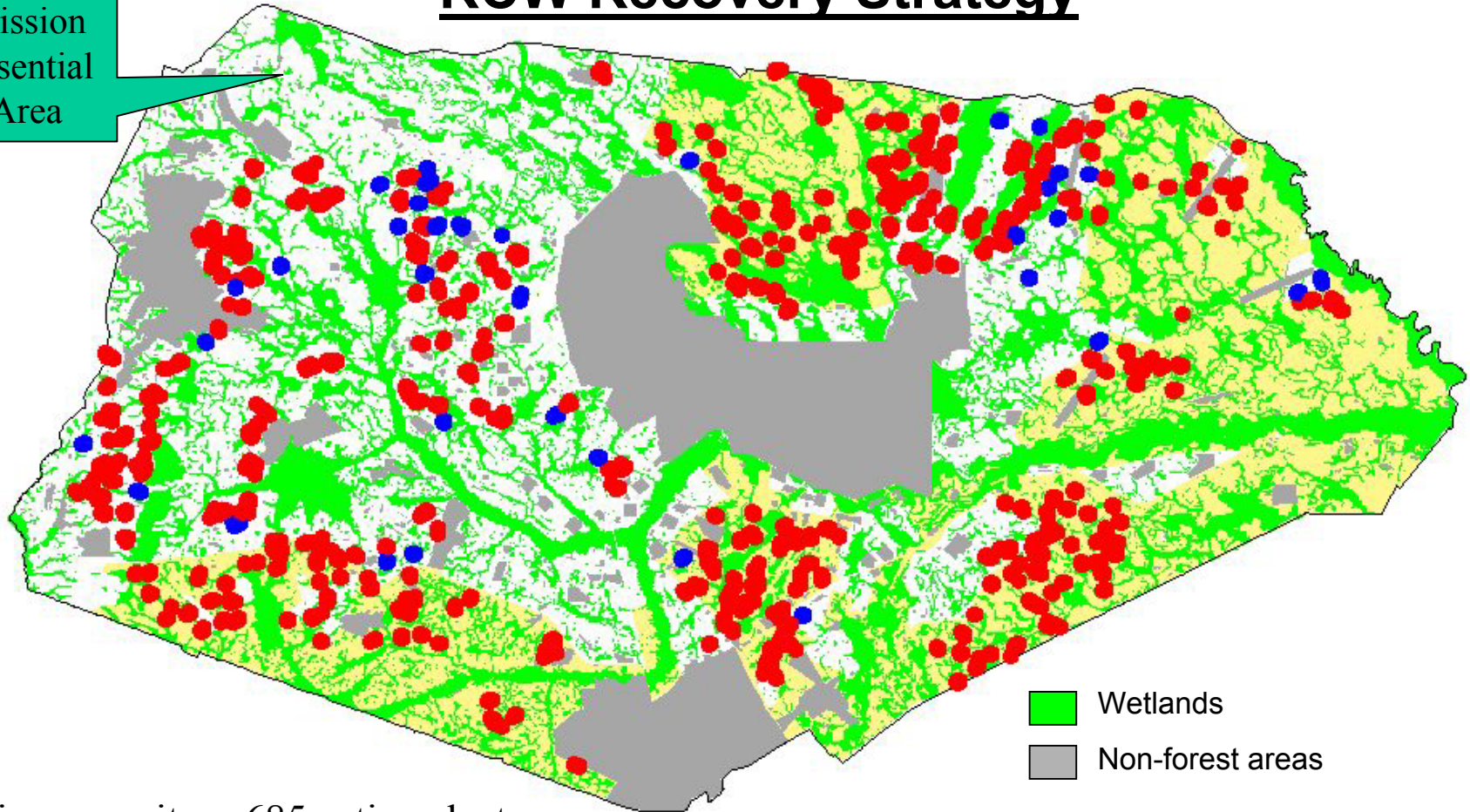


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RCW Recovery Strategy

Mission
Essential
Area



Wetlands
Non-forest areas

Marked RCW trees
Unmarked RCW trees – NO
RESTRICTIONS

- Carrying capacity = 685 active clusters
- Recovery = 350 PBGs = 400 active clusters
- No restrictions on new clusters in mission essential areas



RCW Management at Ft. Stewart



RCW Recovery = Relief from Training Restrictions

Increased conservation efforts

Increasing RCW population

Increasing support for new guidelines that reduce training restrictions





RCW Management at Ft. Stewart

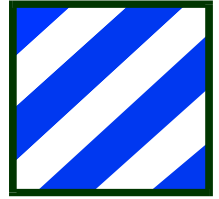


Integrating “Single Species” and “Ecosystem “ Concepts

- ESA purposes are to provide for conservation of **both** :
 - threatened and endangered **species** (TES) and...
 - the **ecosystems** upon which TES depend
- Manage ecosystems on a landscape scale
 - Prescribed fire
 - Longleaf / wiregrass restoration
- Address single species requirements as needed
 - Artificial cavities
 - Translocation



RCW Management at Ft. Stewart



Prescribed burn every 1-3 years on a landscape scale



Protect RCW cavity trees to prevent accidental ignition

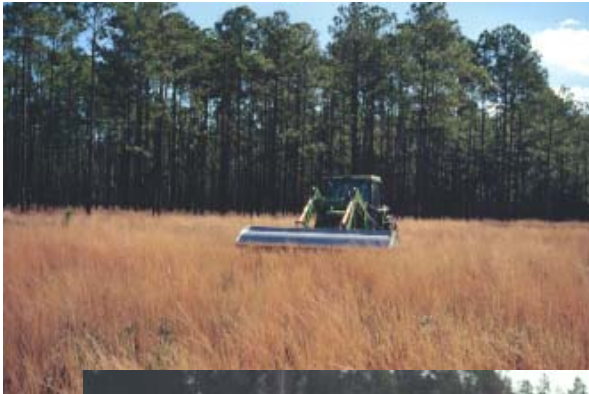




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Wiregrass Restoration





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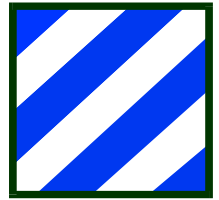


Artificial nest boxes have long been recognized as an essential tool for managing cavity-nesting birds





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- 1192 artificial cavities currently in place
- 555 active



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Translocation

- Translocation of juvenile RCWs within the installation helps accelerate population growth



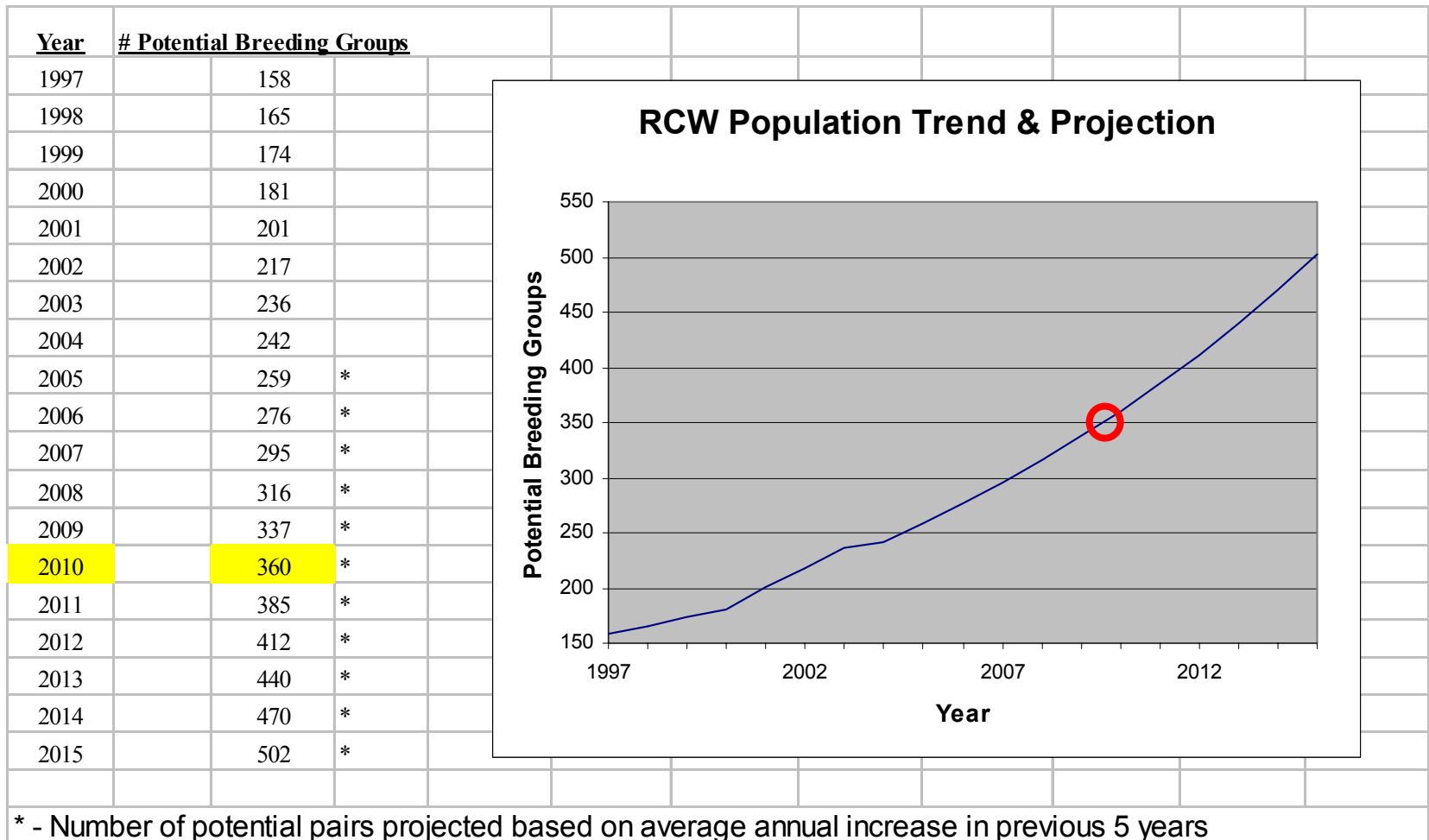
- Translocation to other forests helps stabilize critically small populations
- 93 RCWs exported since 1996



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Population growth in response to proactive management



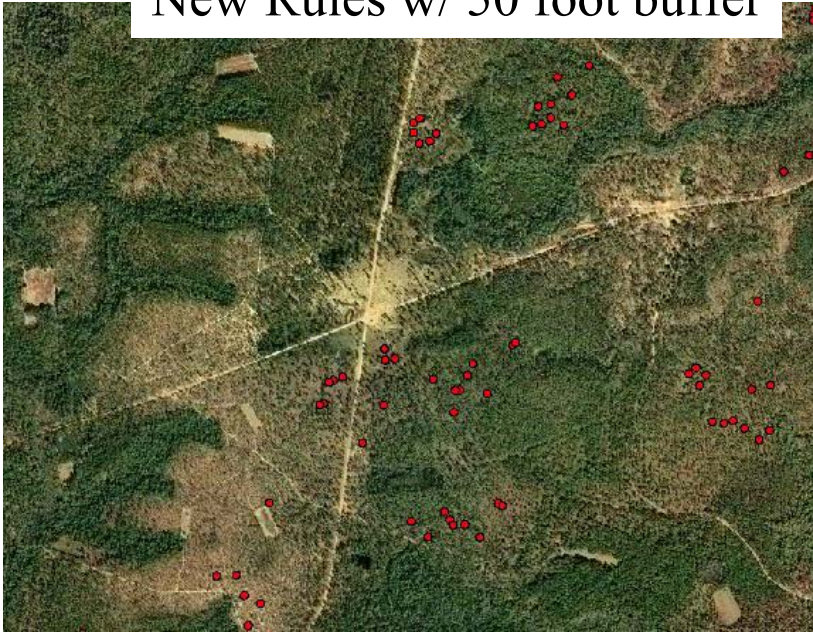


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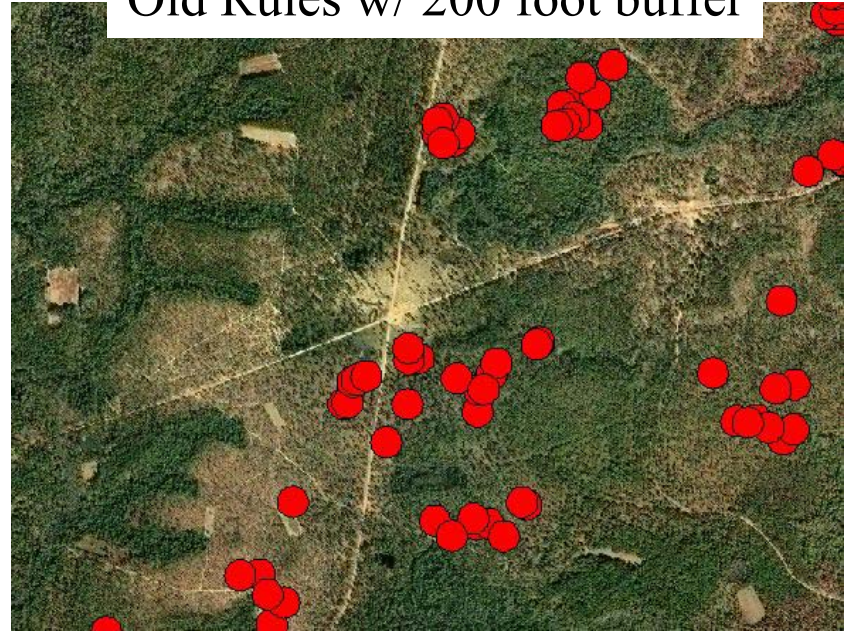


Training Restrictions Reduced

New Rules w/ 50 foot buffer



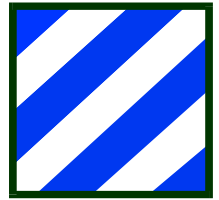
Old Rules w/ 200 foot buffer



- 1996 RCW Guidelines significantly reduced training restrictions in existing clusters
- Over 87,000 acres of maneuver land set aside as “mission essential”
 - ✓ **No** training restrictions in new clusters that become established in these areas
 - ✓ Since 2001, RCWs have moved into 37 unprotected clusters



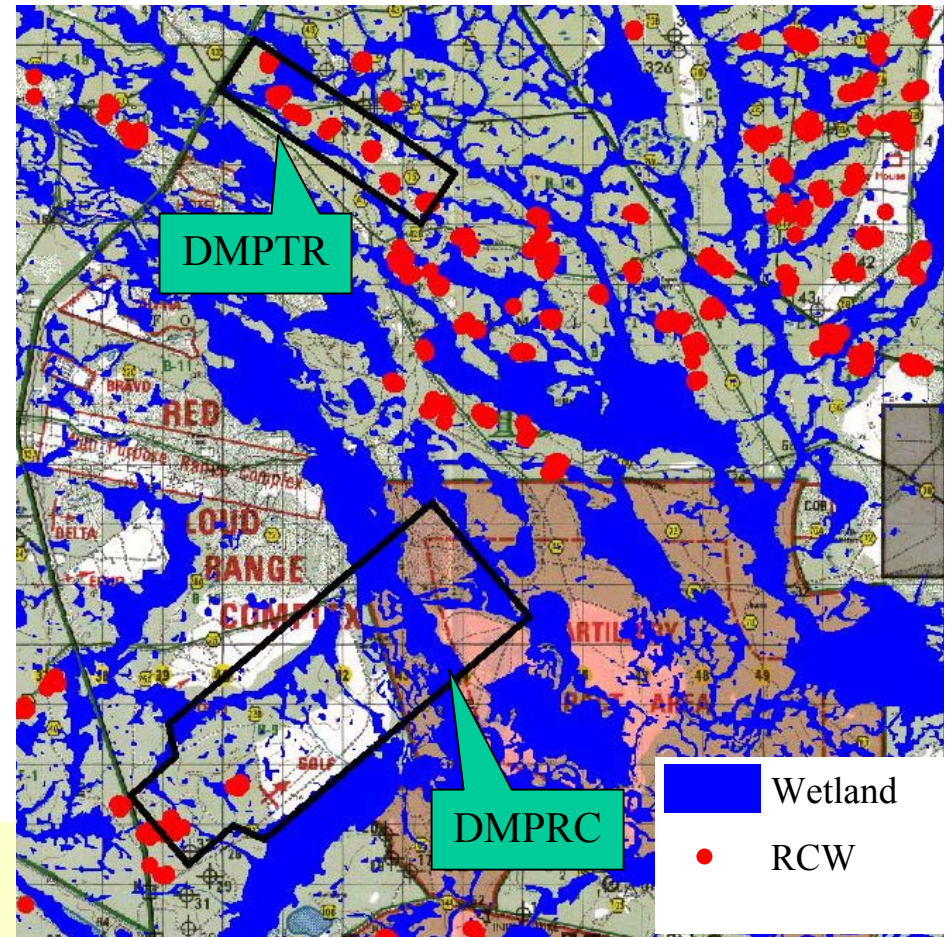
RCW Management at Ft. Stewart



Project Site Selection

More RCWs = More Flexibility

- DMPTR and DMPRC will provide state of the art live fire facilities for armor and mech infantry
- Siting consolidated with similar facilities
 - ✓ More efficient
 - ✓ Minimize conflict with maneuver
 - ✓ Preserve options for future
- Siting as shown impacts:
 - ✓ 8 RCW clusters
 - ✓ over 100 acres of wetland
- COE and FWS are supportive because:
 - ✓ our wetland bank mitigates wetland losses
 - ✓ our RCW population has increased by 114 clusters and is continuing to grow



★ Projects are on track for FY 07 and 08 ...
planning and proactive management pays !!



RCW Management at Ft. Stewart



The Way Ahead - ACUB Partnerships Will Help Ensure Sustainability

